

WATER BOARD CLIMATE ACTION STRATEGIES		GHG Reduction	Adaptation	CAT SUBGROUPS								
				Agriculture	Cement	Economics	Forestry	Green Buildings	Landfills	Land Use	State Fleet	Water/Energy
<b>STRATEGY</b>	<b>STATUS</b>											
<b>Construction of Anaerobic Dairy Digesters</b> The Water Board Confined Animal Facilities Program with the CEC and CARB is reviewing policies to support construction of anaerobic digesters at dairies to capture methane and generate energy.	Existing	✓		●								
<b>Reduce Water Use by Dairies</b> The Water Board Confined Animal Facilities Program is researching measures to reduce water and energy use at dairies.	Existing	✓	✓	●								
<b>Forest Water Protection Policy Review</b> The Water Board Forest Activities Program with CalFire is reviewing water protection policies to facilitate timber harvest and fuel reduction activities.	Existing	✓					●					
<b>Encourage Sustainable Forest Management</b> The Water Board Forest Activities Program with the Board of Forestry is reviewing forest policies to encourage sustainable forest management, carbon sequestration, and water quality protection.	Existing	✓					●					
<b>Landfill Containment</b> The Water Board Land Disposal Program with the CIWMB and CARB researching methods to improve capture and containment of emissions and discharges from landfills. Landfills produce 12% of the methane from anthropogenic sources.	Existing	✓							●			
<b>Dry Tomb Landfill Design</b> The Water Board Land Disposal Program is researching the design and operation of landfills to discourage decomposition and increase carbon sequestration.	Under Consideration	✓	✓						●			

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<b>Low Energy Wastewater Treatment Methods</b> The Water Board Regulatory Program should evaluate alternative low energy treatment methods, such as Advanced Integrated Pond Systems (AIPS) for land discharge.	Under Consideration	✓										●
<b>Reduce Fuel Leaks</b> The Water Board Underground Storage Tank Leak Prevention Program reduces fuel leaks. New requirements for UST operation further reduce the risk of leaks. Leaked fuel produces GHG.	Existing	✓										
<b>Promote Sustainable Project Design</b> The Water Board Division of Finance adopted sustainability as a funding selection criteria. Sustainable strategies, such as Low Impact Development, reduce energy use, conserve water, and recharge ground water.	Existing	✓	✓							●		
<b>Promote Energy Savings at POTW</b> The Water Board Division of Finance should designate funding for projects to implement energy saving activities at publicly owned wastewater treatment facilities.	Under Consideration	✓	✓							●		
<b>Adopt Energy Efficiency Selection Criteria</b> The Water Board Division of Finance should adopt energy efficiency as a selection criteria when funding proposed projects.	Under Consideration	✓	✓							●		
<b>Delineate Groundwater Basins</b> The Water Board Division of Water Quality should map groundwater basins and identify those suitable for storage and those requiring remediation.	Under Consideration	✓	✓									●
<b>Remediate Contaminated Groundwater Basins</b> The Water Board Division of Water Quality should prioritize programs and activities to remediate contaminated groundwater basins.	Under Consideration		✓									●

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<b>Monitor Groundwater Supplies</b> The Water Board Division of Water Rights should prioritize programs and activities to monitor groundwater levels and withdrawals within groundwater basins where recharge and storage are proposed.	Under Consideration		✓									●
<b>Increase Use of Recycled Water</b> The Water Board Division of Water Quality should review regulatory constraints, infrastructure requirements, water quality standards and beneficial uses to increase the use of recycled water.	Under Consideration	✓	✓									●
<b>Require Recycled Water Plans</b> The Water Board Division of Water Quality should revise WWTP permit requirements to include preparation and implementation of Recycled Water Plans.	Under Consideration	✓	✓									
<b>Promote Water Conservation Awareness</b> The Water Board proposes to create a public outreach and education campaign to promote water conservation.	Under Consideration	✓	✓									
<b>Develop Regulatory Water Conservation Program</b> The Water Board proposes to develop, in partnership with the Department of Water Resources, a regulatory program for effective urban and agricultural water conservation.	Under Consideration	✓	✓									
<b>Revise Basin Plans</b> Water Board proposes to revise Basin Plans to recognize energy reduction, water conservation, development of local water supplies, and other climate change measures as components of basin plan management.	Under Consideration	✓	✓									